

Appendix table 5-42

Indexes of internationally coauthored S&E articles, by selected country/economy pairs: 1995 and 2010

Country/economy and year	United States	Austria	Belgium	Czech Republic	Denmark	Finland	France	Germany	Greece	Hungary	Ireland	Italy	Netherlands	Poland	Portugal	Spain	Sweden	United Kingdom	Norway
United States																			
1995	na	0.54	0.51	0.47	0.64	0.74	0.59	0.66	0.66	0.73	0.50	0.74	0.66	0.58	0.52	0.57	0.66	0.68	0.64
2010	na	0.60	0.57	0.55	0.72	0.67	0.64	0.71	0.82	0.64	0.68	0.78	0.72	0.64	0.46	0.65	0.68	0.75	0.67
Austria																			
1995	0.54	na	0.90	2.82	1.18	1.33	0.58	1.97	2.19	2.19	0.40	0.88	0.98	1.57	2.47	0.96	0.79	0.58	1.07
2010	0.60	na	1.38	2.40	1.14	1.33	1.02	2.19	1.37	2.58	0.99	1.45	1.24	1.76	0.99	1.19	1.38	0.87	1.18
Belgium																			
1995	0.51	0.90	na	1.59	1.08	1.02	1.65	0.77	1.92	0.93	1.19	0.99	2.41	1.24	2.33	1.12	1.06	0.79	0.99
2010	0.57	1.38	na	1.56	1.31	1.18	1.79	1.05	1.73	1.75	1.06	1.38	2.85	1.66	1.23	1.38	1.19	1.06	1.01
Czech Republic																			
1995	0.47	2.82	1.59	na	1.28	1.62	1.10	1.23	2.45	0.97	0.50	1.17	1.13	1.96	3.11	1.15	1.20	0.67	1.77
2010	0.55	2.40	1.56	na	1.16	1.74	1.31	1.40	1.97	2.95	1.79	1.29	1.14	3.93	1.52	1.14	1.60	0.93	1.35
Denmark																			
1995	0.64	1.18	1.08	1.28	na	2.73	0.63	0.87	2.49	0.35	0.93	0.87	1.35	1.15	2.48	1.24	3.29	1.02	4.84
2010	0.72	1.14	1.31	1.16	na	3.02	0.98	1.16	1.54	1.37	1.20	1.15	1.61	1.32	1.12	1.17	3.54	1.15	4.35
Finland																			
1995	0.74	1.33	1.02	1.62	2.73	na	0.67	0.80	2.27	2.15	1.01	0.77	1.31	1.29	2.93	1.17	3.45	0.68	3.46
2010	0.67	1.33	1.18	1.74	3.02	na	0.96	1.12	1.78	2.64	1.48	1.28	1.56	1.76	1.12	1.23	3.97	1.14	3.57
France																			
1995	0.59	0.58	1.65	1.10	0.63	0.67	na	0.74	1.39	0.77	0.72	1.04	0.82	1.11	1.60	1.30	0.58	0.71	0.70
2010	0.64	1.02	1.79	1.31	0.98	0.96	na	0.98	1.41	1.19	0.97	1.46	1.12	1.44	1.18	1.39	0.95	0.93	0.97
Germany																			
1995	0.66	1.97	0.77	1.23	0.87	0.80	0.74	na	1.12	1.22	0.59	0.75	0.97	1.18	1.02	0.75	0.73	0.64	0.63
2010	0.71	2.19	1.05	1.40	1.16	1.12	0.98	na	1.23	1.42	0.95	1.10	1.37	1.41	0.82	0.97	1.08	0.93	0.92
Greece																			
1995	0.66	2.19	1.92	2.45	2.49	2.27	1.39	1.12	na	0.88	1.16	1.31	1.12	1.52	4.97	1.76	1.16	1.29	2.50
2010	0.82	1.37	1.73	1.97	1.54	1.78	1.41	1.23	na	1.80	1.26	1.82	1.48	2.09	1.55	1.82	1.52	1.41	1.47
Hungary																			
1995	0.73	2.19	0.93	0.97	0.35	2.15	0.77	1.22	0.88	na	0.70	0.83	0.95	0.62	1.04	0.48	0.71	0.66	0.49
2010	0.64	2.58	1.75	2.95	1.37	2.64	1.19	1.42	1.80	na	1.16	1.48	1.14	3.14	1.42	1.34	1.67	1.05	1.36
Ireland																			
1995	0.50	0.40	1.19	0.50	0.93	1.01	0.72	0.59	1.16	0.70	na	0.73	1.22	0.27	2.32	0.90	0.49	2.13	0.54
2010	0.68	0.99	1.06	1.79	1.20	1.48	0.97	0.95	1.26	1.16	na	0.96	1.46	1.37	1.12	1.29	1.89	1.93	1.07
Italy																			
1995	0.74	0.88	0.99	1.17	0.87	0.77	1.04	0.75	1.31	0.83	0.73	na	0.94	1.09	1.57	1.27	0.70	0.85	0.71
2010	0.78	1.45	1.38	1.29	1.15	1.28	1.46	1.10	1.82	1.48	0.96	na	1.37	1.37	1.22	1.83	1.20	1.13	1.00
Netherlands																			
1995	0.66	0.98	2.41	1.13	1.35	1.31	0.82	0.97	1.12	0.95	1.22	0.94	na	0.89	1.85	1.06	0.87	1.06	1.29
2010	0.72	1.24	2.85	1.14	1.61	1.56	1.12	1.37	1.48	1.14	1.46	1.37	na	1.25	1.16	1.28	1.42	1.34	1.62
Poland																			
1995	0.58	1.57	1.24	1.96	1.15	1.29	1.11	1.18	1.52	0.62	0.27	1.09	0.89	na	1.72	0.95	1.23	0.58	1.19
2010	0.64	1.76	1.66	3.93	1.32	1.76	1.44	1.41	2.09	3.14	1.37	1.37	1.25	na	1.44	1.36	1.47	0.97	1.23
Portugal																			
1995	0.52	2.47	2.33	3.11	2.48	2.93	1.60	1.02	4.97	1.04	2.32	1.57	1.85	1.72	na	2.94	1.80	1.52	3.34
2010	0.46	0.99	1.23	1.52	1.12	1.12	1.18	0.82	1.55	1.42	1.12	1.22	1.16	1.44	na	3.13	1.10	1.02	1.17
Spain																			
1995	0.57	0.96	1.12	1.15	1.24	1.17	1.30	0.75	1.76	0.48	0.90	1.27	1.06	0.95	2.94	na	0.66	0.97	0.90
2010	0.65	1.19	1.38	1.14	1.17	1.23	1.39	0.97	1.82	1.34	1.29	1.83	1.28	1.36	3.13	na	1.20	1.07	1.11
Sweden																			
1995	0.66	0.79	1.06	1.20	3.29	3.45	0.58	0.73	1.16	0.71	0.49	0.70	0.87	1.23	1.80	0.66	na	0.63	4.30
2010	0.68	1.38	1.19	1.60	3.54	3.97	0.95	1.08	1.52	1.67	1.89	1.20	1.42	1.47	1.10	1.20	na	1.18	4.16

Appendix table 5-42

Indexes of internationally coauthored S&E articles, by selected country/economy pairs: 1995 and 2010

Country/economy and year	United States	Austria	Belgium	Czech Republic	Denmark	Finland	France	Germany	Greece	Hungary	Ireland	Italy	Netherlands	Poland	Portugal	Spain	Sweden	United Kingdom	Norway
United Kingdom																			
1995	0.68	0.58	0.79	0.67	1.02	0.68	0.71	0.64	1.29	0.66	2.13	0.85	1.06	0.58	1.52	0.97	0.63	na	0.84
2010	0.75	0.87	1.06	0.93	1.15	1.14	0.93	0.93	1.41	1.05	1.93	1.13	1.34	0.97	1.02	1.07	1.18	na	1.18
Norway																			
1995	0.64	1.07	0.99	1.77	4.84	3.46	0.70	0.63	2.50	0.49	0.54	0.71	1.29	1.19	3.34	0.90	4.30	0.84	na
2010	0.67	1.18	1.01	1.35	4.35	3.57	0.97	0.92	1.47	1.36	1.07	1.00	1.62	1.23	1.17	1.11	4.16	1.18	na
Switzerland																			
1995	0.67	1.54	1.12	1.21	1.07	1.06	1.22	1.40	1.70	1.25	0.81	1.48	0.99	0.97	1.63	0.83	0.75	0.78	1.08
2010	0.72	2.02	1.23	1.22	1.14	1.11	1.33	1.73	1.14	1.10	0.90	1.53	1.21	1.24	0.82	1.02	1.06	0.96	0.94
Turkey																			
1995	0.63	0.18	0.68	0.26	0.68	0.09	0.33	0.84	0.68	0.13	0.27	0.61	0.64	0.12	0.00	0.37	0.19	1.04	0.36
2010	0.94	1.16	1.14	1.54	0.85	1.22	0.76	0.77	2.34	1.85	0.57	1.11	1.08	1.14	1.05	0.79	0.74	0.77	0.83
China																			
1995	0.83	0.72	0.37	0.11	0.49	0.43	0.42	0.59	0.82	0.60	0.26	0.55	0.39	0.17	0.12	0.44	0.70	0.66	0.33
2010	1.05	0.31	0.32	0.45	0.33	0.39	0.39	0.44	0.29	0.35	0.46	0.25	0.36	0.33	0.22	0.21	0.55	0.50	0.34
India																			
1995	0.83	0.32	0.31	0.27	0.51	0.57	0.61	0.67	0.25	0.94	0.08	0.68	0.45	0.23	0.30	0.56	0.34	0.73	0.25
2010	0.78	0.62	0.52	1.44	0.44	0.58	0.74	0.76	0.95	0.88	0.79	0.65	0.60	1.25	0.59	0.57	0.68	0.64	0.57
Japan																			
1995	1.04	0.31	0.29	0.37	0.35	0.51	0.37	0.51	0.30	0.48	0.34	0.42	0.43	0.50	0.21	0.21	0.43	0.52	0.41
2010	0.86	0.64	0.47	0.81	0.46	0.70	0.64	0.61	0.58	0.74	0.43	0.57	0.47	0.73	0.28	0.45	0.60	0.57	0.43
Singapore																			
1995	0.64	0.23	0.14	0.00	0.18	0.63	0.20	0.21	0.22	0.52	0.00	0.03	0.17	0.00	0.33	0.11	0.30	0.98	0.31
2010	0.72	0.26	0.31	0.25	0.47	0.54	0.31	0.32	0.36	0.20	0.63	0.27	0.36	0.35	0.14	0.24	0.43	0.61	0.33
South Korea																			
1995	1.39	0.65	0.12	0.15	0.52	0.56	0.38	0.44	1.00	0.82	0.00	0.66	0.53	0.55	0.09	0.81	0.21	0.35	0.18
2010	1.25	0.34	0.28	0.89	0.26	0.46	0.38	0.41	0.64	0.47	0.46	0.32	0.33	0.72	0.24	0.28	0.36	0.38	0.24
Taiwan																			
1995	1.59	0.08	0.05	0.06	0.06	0.62	0.18	0.18	0.16	0.67	0.00	0.48	0.18	0.06	0.24	0.27	0.28	0.20	0.17
2010	1.19	0.57	0.19	0.82	0.18	0.92	0.42	0.40	0.89	0.45	0.26	0.37	0.23	0.73	0.29	0.38	0.35	0.45	0.29
Russia																			
1995	0.52	0.64	0.66	1.58	0.80	1.48	0.85	1.19	0.96	0.69	0.56	0.89	0.71	1.41	0.96	0.59	0.94	0.44	1.09
2010	0.63	0.98	0.84	2.22	0.57	2.15	1.24	1.56	1.32	1.66	1.09	1.06	0.82	2.45	0.85	0.90	1.12	0.70	1.25
Iran																			
1995	1.04	0.38	0.23	0.57	0.00	0.00	0.24	0.44	0.00	0.57	0.00	0.20	0.70	0.00	0.00	0.53	0.00	0.85	0.52
2010	0.53	0.53	0.60	0.69	0.64	0.55	0.50	0.52	0.62	0.59	0.33	0.58	0.67	0.54	0.51	0.53	0.68	0.75	0.46
Israel																			
1995	1.28	0.33	0.39	0.33	0.38	0.32	0.61	0.78	0.30	0.40	0.19	0.71	0.44	0.52	0.45	0.41	0.24	0.50	0.49
2010	1.25	0.84	0.87	1.02	0.78	0.71	0.82	1.02	0.95	1.45	0.53	1.03	0.92	0.92	0.57	0.86	0.69	0.67	0.87
Argentina																			
1995	0.72	0.51	0.51	0.42	0.44	0.61	0.88	0.63	0.65	0.34	0.52	0.60	0.33	0.12	0.33	3.14	0.84	0.27	0.38
2010	0.82	0.70	0.70	1.49	0.49	0.48	1.00	0.70	0.65	0.98	1.37	0.92	0.68	0.82	1.02	2.64	0.80	0.57	0.39
Brazil																			
1995	0.89	0.82	0.99	1.25	0.66	0.88	0.96	0.51	1.48	0.29	0.34	0.95	0.56	0.84	3.93	1.10	0.49	0.76	1.19
2010	0.92	0.65	0.72	1.23	0.57	0.72	1.09	0.66	0.65	0.88	0.78	0.88	0.68	0.79	2.68	1.17	0.65	0.70	0.57
Chile																			
1995	0.96	0.08	0.95	0.00	0.19	0.52	0.67	0.70	0.46	0.72	0.49	0.56	0.47	0.66	0.69	2.18	0.52	0.51	0.22
2010	0.90	0.59	1.07	0.49	0.86	0.48	1.29	1.03	0.81	0.44	0.68	1.11	0.91	1.41	1.38	2.38	0.77	0.81	0.51
Mexico																			
1995	0.97	0.20	0.28	1.01	0.12	0.26	0.82	0.29	0.23	0.24	0.49	0.44	0.25	0.68	0.23	1.91	0.22	0.42	0.11
2010	1.03	0.57	0.71	1.81	0.40	0.63	0.88	0.58	0.58	0.88	1.12	0.82	0.68	0.95	1.09	2.52	0.64	0.62	0.39

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Country/economy and year	United States	Austria	Belgium	Czech Republic	Denmark	Finland	France	Germany	Greece	Hungary	Ireland	Italy	Netherlands	Poland	Portugal	Spain	Sweden	United Kingdom	Norway
South Africa																			
1995	0.74	1.04	0.87	0.64	0.56	0.59	0.38	0.73	1.05	0.27	0.56	0.44	0.56	0.50	0.70	0.87	0.24	1.26	0.74
2010	0.85	0.85	1.13	0.97	1.15	0.70	0.85	0.67	0.59	1.65	0.89	0.63	1.03	1.10	0.92	0.67	1.20	1.38	1.62
Australia																			
1995	0.80	0.50	0.38	0.32	0.56	0.24	0.37	0.52	0.14	0.19	0.42	0.32	0.51	0.22	0.24	0.26	0.65	1.05	0.37
2010	0.75	0.71	0.61	0.61	0.88	0.82	0.58	0.60	0.36	0.50	0.97	0.56	0.81	0.63	0.43	0.47	0.80	1.16	0.67
Canada																			
1995	1.16	0.28	0.37	0.43	0.42	0.50	0.60	0.37	0.48	0.37	0.63	0.43	0.48	0.37	0.31	0.34	0.46	0.57	0.41
2010	1.16	0.62	0.63	0.50	0.76	0.79	0.78	0.59	0.64	0.52	0.93	0.68	0.81	0.62	0.35	0.60	0.72	0.79	0.76
New Zealand																			
1995	0.76	0.41	0.41	0.41	0.56	0.35	0.24	0.50	0.44	0.14	0.14	0.19	0.57	0.34	0.40	0.17	0.56	1.09	0.75
2010	0.80	0.73	0.79	0.40	0.90	0.88	0.55	0.50	0.43	0.66	1.48	0.60	0.70	0.60	0.45	0.41	0.60	1.24	0.79

Appendix table 5-42

Indexes of internationally coauthored S&E articles, by selected country/economy pairs: 1995 and 2010

Country/economy and year	Switzerland	Turkey	China	India	Japan	Singapore	South Korea	Taiwan	Russia	Iran	Israel	Argentina	Brazil	Chile	Mexico	South Africa	Australia	Canada	New Zealand
United States																			
1995	0.67	0.63	0.83	0.83	1.04	0.64	1.39	1.59	0.52	1.04	1.28	0.72	0.89	0.96	0.97	0.74	0.80	1.16	0.76
2010	0.72	0.94	1.05	0.78	0.86	0.72	1.25	1.19	0.63	0.53	1.25	0.82	0.92	0.90	1.03	0.85	0.75	1.16	0.80
Austria																			
1995	1.54	0.18	0.72	0.32	0.31	0.23	0.65	0.08	0.64	0.38	0.33	0.51	0.82	0.08	0.20	1.04	0.50	0.28	0.41
2010	2.02	1.16	0.31	0.62	0.64	0.26	0.34	0.57	0.98	0.53	0.84	0.70	0.65	0.59	0.57	0.85	0.71	0.62	0.73
Belgium																			
1995	1.12	0.68	0.37	0.31	0.29	0.14	0.12	0.05	0.66	0.23	0.39	0.51	0.99	0.95	0.28	0.87	0.38	0.37	0.41
2010	1.23	1.14	0.32	0.52	0.47	0.31	0.28	0.19	0.84	0.60	0.87	0.70	0.72	1.07	0.71	1.13	0.61	0.63	0.79
Czech Republic																			
1995	1.21	0.26	0.11	0.27	0.37	0.00	0.15	0.06	1.58	0.57	0.33	0.42	1.25	0.00	1.01	0.64	0.32	0.43	0.41
2010	1.22	1.54	0.45	1.44	0.81	0.25	0.89	0.82	2.22	0.69	1.02	1.49	1.23	0.49	1.81	0.97	0.61	0.50	0.40
Denmark																			
1995	1.07	0.68	0.49	0.51	0.35	0.18	0.52	0.06	0.80	0.00	0.38	0.44	0.66	0.19	0.12	0.56	0.56	0.42	0.56
2010	1.14	0.85	0.33	0.44	0.46	0.47	0.26	0.18	0.57	0.64	0.78	0.49	0.57	0.86	0.40	1.15	0.88	0.76	0.90
Finland																			
1995	1.06	0.09	0.43	0.57	0.51	0.63	0.56	0.62	1.48	0.00	0.32	0.61	0.88	0.52	0.26	0.59	0.24	0.50	0.35
2010	1.11	1.22	0.39	0.58	0.70	0.54	0.46	0.92	2.15	0.55	0.71	0.48	0.72	0.48	0.63	0.70	0.82	0.79	0.88
France																			
1995	1.22	0.33	0.42	0.61	0.37	0.20	0.38	0.18	0.85	0.24	0.61	0.88	0.96	0.67	0.82	0.38	0.37	0.60	0.24
2010	1.33	0.76	0.39	0.74	0.64	0.31	0.38	0.42	1.24	0.50	0.82	1.00	1.09	1.29	0.88	0.85	0.58	0.78	0.55
Germany																			
1995	1.40	0.84	0.59	0.67	0.51	0.21	0.44	0.18	1.19	0.44	0.78	0.63	0.51	0.70	0.29	0.73	0.52	0.37	0.50
2010	1.73	0.77	0.44	0.76	0.61	0.32	0.41	0.40	1.56	0.52	1.02	0.70	0.66	1.03	0.58	0.67	0.60	0.59	0.50
Greece																			
1995	1.70	0.68	0.82	0.25	0.30	0.22	1.00	0.16	0.96	0.00	0.30	0.65	1.48	0.46	0.23	1.05	0.14	0.48	0.44
2010	1.14	2.34	0.29	0.95	0.58	0.36	0.64	0.89	1.32	0.62	0.95	0.65	0.65	0.81	1.07	0.59	0.36	0.64	0.43
Hungary																			
1995	1.25	0.13	0.60	0.94	0.48	0.52	0.82	0.67	0.69	0.57	0.40	0.34	0.29	0.72	0.24	0.27	0.19	0.37	0.14
2010	1.10	1.85	0.35	0.88	0.74	0.20	0.47	0.45	1.66	0.59	1.45	0.98	0.88	0.44	0.88	1.65	0.50	0.52	0.66
Ireland																			
1995	0.81	0.27	0.26	0.08	0.34	0.00	0.00	0.00	0.56	0.00	0.19	0.52	0.34	0.49	0.49	0.56	0.42	0.63	0.14
2010	0.90	0.57	0.46	0.79	0.43	0.63	0.46	0.26	1.09	0.33	0.53	1.37	0.78	0.68	1.12	0.89	0.97	0.93	1.48
Italy																			
1995	1.48	0.61	0.55	0.68	0.42	0.03	0.66	0.48	0.89	0.20	0.71	0.60	0.95	0.56	0.44	0.44	0.32	0.43	0.19
2010	1.53	1.11	0.25	0.65	0.57	0.27	0.32	0.37	1.06	0.58	1.03	0.92	0.88	1.11	0.82	0.63	0.56	0.68	0.60
Netherlands																			
1995	0.99	0.64	0.39	0.45	0.43	0.17	0.53	0.18	0.71	0.70	0.44	0.33	0.56	0.47	0.25	0.56	0.51	0.48	0.57
2010	1.21	1.08	0.36	0.60	0.47	0.36	0.33	0.23	0.82	0.67	0.92	0.68	0.68	0.91	0.68	1.03	0.81	0.81	0.70
Poland																			
1995	0.97	0.12	0.17	0.23	0.50	0.00	0.55	0.06	1.41	0.00	0.52	0.12	0.84	0.66	0.68	0.50	0.22	0.37	0.34
2010	1.24	1.14	0.33	1.25	0.73	0.35	0.72	0.73	2.45	0.54	0.92	0.82	0.79	1.41	0.95	1.10	0.63	0.62	0.60
Portugal																			
1995	1.63	0.00	0.12	0.30	0.21	0.33	0.09	0.24	0.96	0.00	0.45	0.33	3.93	0.69	0.23	0.70	0.24	0.31	0.40
2010	0.82	1.05	0.22	0.59	0.28	0.14	0.24	0.29	0.85	0.51	0.57	1.02	2.68	1.38	1.09	0.92	0.43	0.35	0.45
Spain																			
1995	0.83	0.37	0.44	0.56	0.21	0.11	0.81	0.27	0.59	0.53	0.41	3.14	1.10	2.18	1.91	0.87	0.26	0.34	0.17
2010	1.02	0.79	0.21	0.57	0.45	0.24	0.28	0.38	0.90	0.53	0.86	2.64	1.17	2.38	2.52	0.67	0.47	0.60	0.41
Sweden																			
1995	0.75	0.19	0.70	0.34	0.43	0.30	0.21	0.28	0.94	0.00	0.24	0.84	0.49	0.52	0.22	0.24	0.65	0.46	0.56
2010	1.06	0.74	0.55	0.68	0.60	0.43	0.36	0.35	1.12	0.68	0.69	0.80	0.65	0.77	0.64	1.20	0.80	0.72	0.60

Appendix table 5-42

Indexes of internationally coauthored S&E articles, by selected country/economy pairs: 1995 and 2010

Country/economy and year	Switzerland	Turkey	China	India	Japan	Singapore	South Korea	Taiwan	Russia	Iran	Israel	Argentina	Brazil	Chile	Mexico	South Africa	Australia	Canada	New Zealand
United Kingdom																			
1995	0.78	1.04	0.66	0.73	0.52	0.98	0.35	0.20	0.44	0.85	0.50	0.27	0.76	0.51	0.42	1.26	1.05	0.57	1.09
2010	0.96	0.77	0.50	0.64	0.57	0.61	0.38	0.45	0.70	0.75	0.67	0.57	0.70	0.81	0.62	1.38	1.16	0.79	1.24
Norway																			
1995	1.08	0.36	0.33	0.25	0.41	0.31	0.18	0.17	1.09	0.52	0.49	0.38	1.19	0.22	0.11	0.74	0.37	0.41	0.75
2010	0.94	0.83	0.34	0.57	0.43	0.33	0.24	0.29	1.25	0.46	0.87	0.39	0.57	0.51	0.39	1.62	0.67	0.76	0.79
Switzerland																			
1995	na	0.62	0.40	0.54	0.47	0.72	0.51	0.21	0.75	0.30	0.76	0.31	0.63	0.38	0.44	0.50	0.36	0.40	0.41
2010	na	0.99	0.31	0.55	0.60	0.36	0.47	0.57	0.97	0.53	0.72	0.57	0.60	0.60	0.56	0.98	0.70	0.72	0.71
Turkey																			
1995	0.62	na	0.23	0.00	0.40	0.00	0.26	0.17	0.52	3.07	1.08	0.46	0.09	0.00	0.00	0.74	0.13	0.32	0.00
2010	0.99	na	0.32	0.82	0.49	0.44	0.54	0.62	0.88	2.36	1.37	0.68	0.50	0.51	0.92	1.13	0.41	0.57	0.53
China																			
1995	0.40	0.23	na	0.81	1.49	3.18	1.42	1.93	0.34	0.25	0.14	0.15	0.37	0.16	0.23	0.24	1.11	0.75	0.36
2010	0.31	0.32	na	0.46	1.26	2.64	1.03	1.50	0.46	0.27	0.26	0.29	0.30	0.20	0.37	0.38	1.06	0.74	0.47
India																			
1995	0.54	0.00	0.81	na	0.72	2.09	1.25	0.94	0.59	0.00	0.13	0.20	0.82	0.19	0.96	0.59	0.61	0.66	0.66
2010	0.55	0.82	0.46	na	1.13	1.07	2.12	1.71	1.14	1.13	0.80	0.98	1.07	0.69	1.39	1.08	0.77	0.65	0.38
Japan																			
1995	0.47	0.40	1.49	0.72	na	0.99	2.49	1.01	0.54	0.77	0.46	0.17	0.35	0.10	0.18	0.32	0.60	0.64	0.55
2010	0.60	0.49	1.26	1.13	na	0.68	1.94	1.81	0.98	0.55	0.48	0.35	0.43	0.58	0.44	0.55	0.64	0.56	0.58
Singapore																			
1995	0.72	0.00	3.18	2.09	0.99	na	0.69	3.26	0.08	2.02	0.33	0.30	0.35	0.42	0.21	1.29	2.01	0.55	1.70
2010	0.36	0.44	2.64	1.07	0.68	na	1.05	1.44	0.23	0.64	0.43	0.20	0.32	0.22	0.24	0.23	1.66	0.54	1.19
South Korea																			
1995	0.51	0.26	1.42	1.25	2.49	0.69	na	1.40	1.14	1.13	0.49	0.08	0.55	0.12	0.89	0.18	0.33	0.36	0.14
2010	0.47	0.54	1.03	2.12	1.94	1.05	na	1.45	0.98	0.67	0.47	0.48	0.56	0.53	0.77	0.23	0.47	0.58	0.42
Taiwan																			
1995	0.21	0.17	1.93	0.94	1.01	3.26	1.40	na	0.35	1.43	0.18	0.21	0.17	0.00	0.15	0.57	0.30	0.48	0.00
2010	0.57	0.62	1.50	1.71	1.81	1.44	1.45	na	1.20	0.27	0.56	0.26	0.42	0.33	0.57	0.41	0.68	0.52	0.44
Russia																			
1995	0.75	0.52	0.34	0.59	0.54	0.08	1.14	0.35	na	0.26	0.73	0.06	0.58	0.17	0.89	0.42	0.31	0.35	0.16
2010	0.97	0.88	0.46	1.14	0.98	0.23	0.98	1.20	na	0.35	1.29	0.78	0.95	0.56	1.19	0.68	0.42	0.54	0.29
Iran																			
1995	0.30	3.07	0.25	0.00	0.77	2.02	1.13	1.43	0.26	na	0.00	0.00	0.00	0.00	0.00	0.00	1.11	0.60	0.00
2010	0.53	2.36	0.27	1.13	0.55	0.64	0.67	0.27	0.35	na	0.24	0.65	0.53	0.56	0.71	0.69	1.13	1.33	0.80
Israel																			
1995	0.76	1.08	0.14	0.13	0.46	0.33	0.49	0.18	0.73	0.00	na	0.41	0.55	0.40	0.46	1.19	0.56	0.64	0.59
2010	0.72	1.37	0.26	0.80	0.48	0.43	0.47	0.56	1.29	0.24	na	0.45	0.58	0.93	0.56	0.75	0.61	0.85	0.55
Argentina																			
1995	0.31	0.46	0.15	0.20	0.17	0.30	0.08	0.21	0.06	0.00	0.41	na	3.93	8.32	2.48	1.27	0.55	0.37	0.36
2010	0.57	0.68	0.29	0.98	0.35	0.20	0.48	0.26	0.78	0.65	0.45	na	5.12	6.27	3.46	1.35	0.55	0.80	0.62
Brazil																			
1995	0.63	0.09	0.37	0.82	0.35	0.35	0.55	0.17	0.58	0.00	0.55	3.93	na	2.34	1.88	0.80	0.27	0.62	0.37
2010	0.60	0.50	0.30	1.07	0.43	0.32	0.56	0.42	0.95	0.53	0.58	5.12	na	2.42	2.02	1.06	0.56	0.72	0.57
Chile																			
1995	0.38	0.00	0.16	0.19	0.10	0.42	0.12	0.00	0.17	0.00	0.40	8.32	2.34	na	3.21	1.56	0.50	0.50	0.50
2010	0.60	0.51	0.20	0.69	0.58	0.22	0.53	0.33	0.56	0.56	0.93	6.27	2.42	na	2.63	1.65	0.85	0.87	1.07
Mexico																			
1995	0.44	0.00	0.23	0.96	0.18	0.21	0.89	0.15	0.89	0.00	0.46	2.48	1.88	3.21	na	0.67	0.31	0.48	0.58
2010	0.56	0.92	0.37	1.39	0.44	0.24	0.77	0.57	1.19	0.71	0.56	3.46	2.02	2.63	na	1.20	0.50	0.82	0.70

Appendix table 5-42

Indexes of internationally coauthored S&E articles, by selected country/economy pairs: 1995 and 2010

Country/economy and year	Switzerland	Turkey	China	India	Japan	Singapore	South Korea	Taiwan	Russia	Iran	Israel	Argentina	Brazil	Chile	Mexico	South Africa	Australia	Canada	New Zealand
South Africa																			
1995	0.50	0.74	0.24	0.59	0.32	1.29	0.18	0.57	0.42	0.00	1.19	1.27	0.80	1.56	0.67	na	1.86	0.53	2.04
2010	0.98	1.13	0.38	1.08	0.55	0.23	0.23	0.41	0.68	0.69	0.75	1.35	1.06	1.65	1.20	na	1.50	0.73	1.42
Australia																			
1995	0.36	0.13	1.11	0.61	0.60	2.01	0.33	0.30	0.31	1.11	0.56	0.55	0.27	0.50	0.31	1.86	na	0.76	4.49
2010	0.70	0.41	1.06	0.77	0.64	1.66	0.47	0.68	0.42	1.13	0.61	0.55	0.56	0.85	0.50	1.50	na	0.89	3.92
Canada																			
1995	0.40	0.32	0.75	0.66	0.64	0.55	0.36	0.48	0.35	0.60	0.64	0.37	0.62	0.50	0.48	0.53	0.76	na	0.77
2010	0.72	0.57	0.74	0.65	0.56	0.54	0.58	0.52	0.54	1.33	0.85	0.80	0.72	0.87	0.82	0.73	0.89	na	0.95
New Zealand																			
1995	0.41	0.00	0.36	0.66	0.55	1.70	0.14	0.00	0.16	0.00	0.59	0.36	0.37	0.50	0.58	2.04	4.49	0.77	na
2010	0.71	0.53	0.47	0.38	0.58	1.19	0.42	0.44	0.29	0.80	0.55	0.62	0.57	1.07	0.70	1.42	3.92	0.95	na

na = not applicable

NOTES: Article counts from set of journals covered by Science Citation Index (SCI) and Social Sciences Citation Index (SSCI). Articles classified by year they entered database, rather than year of publication, and assigned to country/economy on basis of institutional address(es) listed on article. Articles on whole-count basis, i.e., each collaborating country/economy credited one count. Countries/economies with ≤1% of internationally coauthored articles in 2010 omitted.

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